

Amendments to the Claims:

Please cancel all claims and enter new claims 22-42 as follows:

1-21. (Canceled)

22. (New) An intervertebral support for restoring and maintaining an anatomical intervertebral spacing and for restoring three-dimensional mobility where the support is installed, the support comprising a spacer and retaining means, and being constituted by an anterior zone suitable for being positioned between the laminae of the vertebrae, having the function of restoring an anatomical intervertebral spacing, and a posterior zone comprising retaining means having the function of preventing the support from migrating towards the anterior portion of the spine by pressing against the laminae.

23. (New) A support according to claim 22, wherein the retaining means of the posterior zone are lateral shoulders set back from the anterior zone and suitable for being received against the laminae of the vertebrae as close as possible to the articular facets.

24. (New) A support according to claim 22, wherein the retaining means of the posterior zone are constituted by two transverse projections.

25. (New) A support according to claim 22, wherein the anterior zone is provided with grooves.

26. (New) A support according to claim 22, wherein the lateral shoulders are of small area being of the type having symmetrically-opposite projecting bulges set back from the anterior zone and suitable for releasing movement of the vertebral articular facets.

27. (New) A support according to claim 26, wherein the anterior zone is provided with grooves, and wherein the lateral shoulders present height that does not exceed the height of the posterior zone of the support, and are narrow in width.

28. (New) A support according to claim 22, wherein the posterior zone serves to damp movements between two adjacent vertebrae.

29. (New) A support according to claim 22, wherein the posterior zone comprises a bottom face bearing on the top portion of the process at the bottom of the region fitted with the implant.

30. (New) A support according to claim 22, wherein the posterior zone is prismatic in shape and of a height that corresponds to the spacing between the adjacent vertebrae, presenting at least one rounded corner, the top face of the posterior zone being triangular in shape, so as to receive the junction point formed by the lamina and the processes.

31. (New) A support according to claim 22, wherein the tapering shape of the posterior zone allows freedom of movement between the top face of the spacer and the process above the region fitted with the implant.

32. (New) A support according to claim 22, wherein the posterior zone presents a top surface and a bottom surface that are flared to the anterior end of the spacer, tapering progressively towards the posterior ends of said surfaces, and receiving the junction point formed by the lamina and the process.

33. (New) A support according to claim 22, wherein the core of the posterior portion is pierced by a through recess, enabling the flexibility of the implant to be increased.

34. (New) A support according to claim 22, wherein the core of the posterior portion carries teeth spaced apart by furrows, and opposed to each other in pairs on the bottom and top faces, enabling the flexibility of the assembly to be varied.

35. (New) A support according to claim 22, wherein the vertical portions of the lateral shoulders in contact with the laminae present respective concave zones extending and tapering towards the posterior lateral zone.

36. (New) A support according to claim 22, wherein at least the posterior zone is made of silicone having hardness lying in the range 40 to 80 on the Shore A scale, allowing freedom of movement in the region fitted with the implant, and flexibility in order to relieve lordosis.
37. (New) A support according to claim 22, wherein a biocompatible knit fabric covers at least part of the posterior zone of the support.
38. (New) A support according to claim 22, wherein the anterior portion of the support has a loop of rigid biocompatible material in its center.
39. (New) A support according to claim 22, wherein the anterior portion of the support is constituted entirely out of rigid biocompatible material.
40. (New) A support according to claim 22, including additional retention means constituted by ligaments crossing in the center of the implant, and holes extending vertically for passing the ligaments.
41. (New) A support according to claim 22, including additional retaining means constituted by independent ligaments passing through the full height of the support.
42. (New) A support according to claim 22, wherein the top face of the posterior zone presents a shallow groove extending lengthwise in its middle and suitable for coming into contact with the process above the region fitted with the implant.